

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011695.D
 Acq On : 20 Aug 2019 19:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:18 AM

Quant Time: Aug 21 00:29:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	318368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	146401	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	134843	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	428852	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.13	95	181432	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	164443	52.548	ug/l 99
3) Chloromethane	1.32	50	129852	39.951	ug/l 100
4) Vinyl Chloride	1.40	62	133883	45.599	ug/l 96
5) Bromomethane	1.63	94	69120	52.539	ug/l 99
6) Chloroethane	1.71	64	74521	53.627	ug/l 98
7) Trichlorofluoromethane	1.92	101	215224	52.923	ug/l 98
8) Diethyl Ether	2.18	74	73228	52.492	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137863	49.080	ug/l 99
10) Methyl Iodide	2.50	142	164935	41.218	ug/l 99
11) Tert butyl alcohol	3.04	59	191184	263.950	ug/l 98
12) 1,1-Dichloroethene	2.36	96	132391	48.770	ug/l 98
13) Acrolein	2.29	56	53690	241.345	ug/l 100
14) Allyl chloride	2.72	41	221410	49.031	ug/l 98
15) Acrylonitrile	3.14	53	426793	257.453	ug/l 100
16) Acetone	2.43	43	368377	248.142	ug/l 99
17) Carbon Disulfide	2.56	76	295587	46.210	ug/l 98
18) Methyl Acetate	2.76	43	246658	53.574	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	469688	53.126	ug/l 99
20) Methylene Chloride	2.85	84	150867	48.401	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	142423	49.510	ug/l 98
22) Diisopropyl ether	3.85	45	461269	51.292	ug/l 98
23) Vinyl Acetate	3.81	43	1859285	261.088	ug/l 100
24) 1,1-Dichloroethane	3.69	63	255755	50.301	ug/l 99
25) 2-Butanone	4.66	43	589168	252.796	ug/l 97
26) 2,2-Dichloropropane	4.58	77	192746	50.367	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	161315	48.103	ug/l 98
28) Bromochloromethane	5.01	49	110422	49.472	ug/l 99
29) Tetrahydrofuran	5.12	42	366160	239.506	ug/l 98
30) Chloroform	5.20	83	271828	50.658	ug/l 99
31) Cyclohexane	5.57	56	216160	49.377	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	240535	52.132	ug/l 99
36) 1,1-Dichloropropene	5.79	75	190052	50.748	ug/l 99
37) Ethyl Acetate	4.82	43	220084	51.094	ug/l 100
38) Carbon Tetrachloride	5.77	117	213855	51.831	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229311	49.582	ug/l	99
40) Benzene	6.13	78	572887	49.225	ug/l	99
41) Methacrylonitrile	5.03	41	125981	53.141	ug/l	97
42) 1,2-Dichloroethane	6.19	62	216958	53.807	ug/l	99
43) Isopropyl Acetate	6.44	43	329339	48.992	ug/l	99
44) Trichloroethene	7.21	130	171321	49.623	ug/l	96
45) 1,2-Dichloropropane	7.51	63	144449	49.769	ug/l	98
46) Dibromomethane	7.66	93	105581	50.058	ug/l	97
47) Bromodichloromethane	7.89	83	199430	51.497	ug/l	99
48) Methyl methacrylate	7.77	41	169637	50.957	ug/l	96
49) 1,4-Dioxane	7.73	88	91893	1037.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1159387	263.494	ug/l	100
52) Toluene	8.78	92	375156	50.598	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	215431	53.600	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	230104	52.314	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	159457	50.573	ug/l	99
56) Ethyl methacrylate	9.18	69	243684	53.175	ug/l	99
57) 1,3-Dichloropropane	9.37	76	247051	49.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	573669	251.237	ug/l	100
59) 2-Hexanone	9.49	43	882281	260.020	ug/l	99
60) Dibromochloromethane	9.58	129	178344	54.289	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173646	51.603	ug/l	100
64) Tetrachloroethene	9.34	164	166548	50.407	ug/l	98
65) Chlorobenzene	10.13	112	430089	50.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	165975	51.700	ug/l	100
67) Ethyl Benzene	10.25	91	732924	51.130	ug/l	100
68) m/p-Xylenes	10.35	106	569395	103.483	ug/l	97
69) o-Xylene	10.69	106	263967	48.976	ug/l	99
70) Styrene	10.71	104	452768	49.902	ug/l	99
71) Bromoform	10.85	173	133865	43.376	ug/l #	99
73) Isopropylbenzene	11.02	105	735311	50.237	ug/l	98
74) N-amyl acetate	10.90	43	295030	47.431	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246699	48.995	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	212485m	49.677	ug/l	
77) Bromobenzene	11.25	156	211552	48.580	ug/l	97
78) n-propylbenzene	11.36	91	818199	51.840	ug/l	99
79) 2-Chlorotoluene	11.42	91	494053	50.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	638187	51.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69764	44.705	ug/l	94
82) 4-Chlorotoluene	11.51	91	582994	51.851	ug/l	98
83) tert-Butylbenzene	11.77	119	610754	48.772	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	633042	51.284	ug/l	100
85) sec-Butylbenzene	11.94	105	728434	51.557	ug/l	100
86) p-Isopropyltoluene	12.06	119	703211	52.906	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	376557	50.307	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379214	49.986	ug/l	100
89) n-Butylbenzene	12.38	91	579987	53.075	ug/l	98
90) Hexachloroethane	12.59	117	108988	51.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	371452	49.436	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59665	51.795	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293421	52.410	ug/l	99
94) Hexachlorobutadiene	13.78	225	150205	49.271	ug/l	97
95) Naphthalene	13.83	128	875373	55.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297933	52.761	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

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MSVOA_X
ClientSampleID :
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